

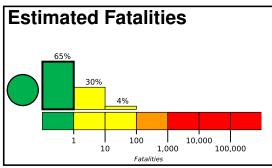




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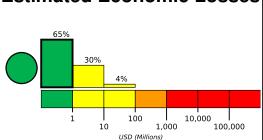
Version 2

M 4.0, 108km W of Gustavus, Alaska Origin Time: 2019-12-19 06:43:51 UTC (Wed 21:43:51 local) Location: 58.4838° N 137.5876° W Depth: 7.6 km



and economic losses. There is a low likelihood of casualties and damage.

Green alert for shaking-related fatalities Estimated Economic Losses



Created: 15 minutes, 8 seconds after earthquake

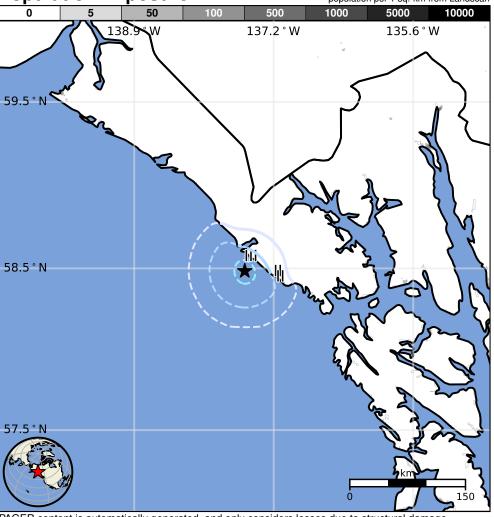
Estimated Population Exposed to Earthquake Shaking

							<u> </u>			
ESTIMATED POPULATION EXPOSURE (k=x1000)		22k	0	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1987-11-17	326	7.1	I(0)	_
1987-11-30	292	7.8	I(0)	_
1979-02-28	332	7.5	I(0)	_

Selected City Exposure

nom acortames.org					
MM	l City	Population			
1	Haines	2k			
I	Sitka	9k			

bold cities appear on map.

(k = x1000)